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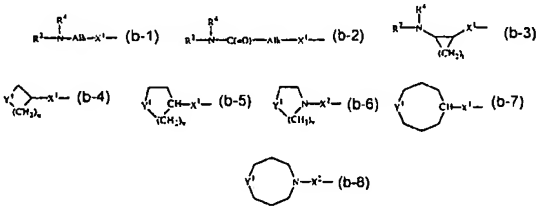
(54) Title: RESPIRATORY SYNCYTIAL VIRUS REPLICATION INHIBITORS


(I)


(b-1) (b-2) (b-3) (b-4) (b-5) (b-6) (b-7) (b-8)

(57) Abstract: The present invention concerns compounds of formula (I), prodrugs, *N*-oxides, addition salts, quaternary amines, metal complexes and stereochemically isomeric forms thereof wherein -a^1=a^2-a^3=a^4- represents a radical of formula -CH=CH-CH=CH-; -N=CH-CH=CH-; -CH=N-CH=CH-; -CH=CH-N=CH-; -CH=CH-CH=N-; wherein each hydrogen atom may optionally be substituted; Q is a radical of formulae (b-1), (b-2), (b-3), (b-4), (b-5), (b-6), (b-7) and (b-8), wherein Alk is C_{1-6}alkanediyl; Y^1 is a bivalent radical of formula -NR^2- or -CH(NR^2R^4)-; X^1 is NR^4, S, S(=O), S(=O)$_2$, O, CH_2, C(=O), CH(=CH_2), CH(OH), CH(CH_3), CH(OCH_3), CH(SCH_3), CH($NR^{5a}R^{5b}$), CH_2-NR^4 or NR^4-CH_2; X^2 is a direct bond, CH_2, C(=O), NR^4, C_{1-4}alkyl-NR^4, NR^4-C_{1-4}alkyl, t is 2 to 5; u is 1 to 5; v is 2 or 3; and whereby each hydrogen in Alk and in (b-3), (b-4), (b-5), (b-6), (b-7) and (b-8), may optionally be replaced by R^3; provided that when R^3 is hydroxy or C_{1-6}alkyloxy, then R^3 cannot replace a hydrogen atom in the α position relative to a nitrogen atom; G is a direct bond or optionally substituted C_{1-10}alkanediyl; R^1 is an optionally substituted bicyclic heterocycle; R^2 is hydrogen, formyl, C_{1-6}alkylcarbonyl, Hetcarbonyl, pyrrolidinyl, piperidinyl, homopiperidinyl, C_{3-7}cycloalkyl or C_{1-10}alkyl substituted with $N(R^6)_2$ and optionally with another substituent; R^3 is hydrogen, hydroxy, C_{1-6}alkyl, C_{1-6}alkyloxy, arylC$_{1-6}$alkyl or arylC$_{1-6}$alkyloxy, R^4 is hydrogen, C_{1-6}alkyl or arylC$_{1-6}$alkyl; R^{5a}, R^{5b}, R^{5c} and R^{5d} are hydrogen or C_{1-6}alkyl; or R^{5a} and R^{5b}, or R^{5c} and R^{5d} taken together from a bivalent radical of formula -$(CH_2)_s$- wherein S is 4 or 5; R^6 is hydrogen, C_{1-4}alkyl, formyl, hydroxyC$_{1-6}$alkyl, C_{1-6}alkylcarbonyl or C_{1-6}alkyloxycarbonyl; aryl is optionally substituted phenyl; Het is pyridyl, pyrimidinyl, pyryzinyl, pyridazinyl; as respiratory syncytial virus replication inhibitors; their preparation, compositions containing them and their use as a medicine.

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